ELSEVIER

Precambrian Research 113 (2002) 341–342

Precambrian Research

www.elsevier.com/locate/precamres

Contents Vol. 113

SHRIMP U–Pb zircon geochronology of the Fuping Complex: implications for formation and assembly of the North China Craton
H. Guan, M. Sun, S.A. Wilde, X. Zhou and M. Zhai 1

Relationships between Archaean and Palaeoproterozoic crystalline basement complexes in the southern part of the East Greenland Caledonides: an ion microprobe study
K. Thrane 19

Carbon, oxygen and strontium isotope geochemistry of Proterozoic carbonate rocks of the Vindhyan Basin, central India
B. Kumar, S. Das Sharma, B. Sreenivas, A.M. Dayal, M.N. Rao, N. Dubey and B.R. Chawla . . 43

Amphibolites of the Shawanaga domain, Central Gneiss Belt, Grenville Province, Ontario: tectonic setting and implications for relations between the Central Gneiss Belt and Midcontinental USA
N. Culshaw and J. Dostal 65

Archaean tectonic processes: a case for horizontal shortening in the North Pilbara Granite-Greenstone Terrane, Western Australia
R.S. Blewett 87

C-isotope variations and paleoceanographic changes during the late Neoproterozoic on the Yangtze Platform, China
Y. Shen 121

U–Pb zircon geochronology, geochemistry and Nd isotopic study of Neoproterozoic bimodal volcanic rocks in the Kangdian Rift of South China: implications for the initial rifting of Rodinia
X.-h. Li, Z.-X. Li, H. Zhou, Y. Liu and P.D. Kinny 135

Ion microprobe Pb–Pb dating of carbonado, polycrystalline diamond
Y. Sano, R. Yokochi, K. Terada, M.L. Chaves and M. Ozima 155

Chert in the Palaeoproterozoic Bartle Member, Killara Formation, Yerrida Basin, Western Australia: a rift-related playa lake and thermal spring environment?
F. Pirajno and K. Grey 169

Zircon geochronology in polymetamorphic gneisses in the Sveconorwegian orogen, SW Sweden: ion microprobe evidence for 1.46–1.42 and 0.98–0.96 Ga reworking
U. Söderlund, C. Möller, J. Andersson, L. Johansson and M. Whitehouse 193

Isotopic dating of Neoproterozoic crustal growth in the Usambara Mountains of Northeastern Tanzania: evidence for coeval crust formation in the Mozambique Belt and the Arabian–Nubian Shield
M.A.H. Maboko and E. Nakamura 227

Post-Grenvillean transpression in the Chilka Lake area, Eastern Ghats Belt—implications for the geological evolution of peninsular India
C. Dobmeier and R. Simmat 243
Petrogenesis of metaluminous A-type rhyolites from the St Francois Mountains, Missouri and the Mesoproterozoic evolution of the southern Laurentian margin
J.F. Menuge, T.S. Brewer and C.M. Seeger 269
Precise U–Pb mineral ages, Rb–Sr and Sm–Nd systematics for the Great Dyke, Zimbabwe—constraints on late Archean events in the Zimbabwe craton and Limpopo belt
T. Oberthür, D.W. Davis, T.G. Blenkinsop and A. Höhndorf 293
Origin of the Wadi Haimur–Abu Swayel gneiss belt, south Eastern Desert, Egypt: petrological and geochronological constraints
H.H. Abd El-Naby and W. Frisch 307
Partial melting in Archean subduction zones: constraints from experimentally determined trace element partition coefficients between eclogitic minerals and tonalitic melts under upper mantle conditions
M.G. Barth, S.F. Foley and I. Horn 323

Volume Contents 341

243
269
293
307
323
341